

Rec'd PCT/PTO 19 MAY 2005

10/535452

CFO17774WOUS

COMBINED DECLARATION AND POWER OF ATTORNEY  
FOR PATENT APPLICATION  
(page 1)

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name;

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled COLUMNAR STRUCTURED MATERIAL AND METHOD OF MANUFACTURING THE SAME the specification of which  is attached hereto; or  was filed on December 12, 2003 as United States Application No. or PCT International Application No. PCT/JP03/15950 and was amended on \_\_\_\_\_ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR §1.56.

I hereby claim foreign priority benefits under 35 U.S.C. §119(a)-(d) or §365(b), of any foreign application(s) for patent or inventor's certificate, or §365(a) of any PCT international application which designates at least one country other than the United States, listed below and have also identified below any foreign application for patent or inventor's certificate, or PCT international application having a filing date before that of the application on which priority is claimed:

<u>Country</u>	<u>Application No.</u>	<u>Filed (Day / Mo. / Yr.)</u>	<u>( Yes / No ) Priority Claimed</u>
Japan	2002-363132 (Pat.)	13/December/2002 ✓	Yes

I hereby claim the benefit under 35 U.S.C. §120 of any United States application(s), or §365(c) of any PCT international application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT international application in the manner provided by the first paragraph of 35 U.S.C. §112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

<u>Application No.</u>	<u>Filed (Day/Mo./Yr.)</u>	<u>Status (Patented, Pending, Abandoned)</u>
------------------------	----------------------------	--

I hereby appoint the practitioners associated with the firm and Customer Number provided below to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith, and direct that all correspondence be addressed to the address associated with that Customer Number:

FITZPATRICK, CELLA, HARPER & SCINTO  
Customer Number: 05514

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

100 Full Name of Sole or First Inventor Miki Ogawa  
Inventor's signature Miki Ogawa  
Date April 18, 2005 Citizen/Subject of Japan  
Residence Ayase-shi, Kanagawa-ken, Japan JPX  
Post Office Address CANON KABUSHIKI KAISHA  
3-30-2, Shimomaruko, Ohta-ku, Tokyo, Japan

BEST AVAILABLE COPY

10/535452

CFO17774WOUS

**COMBINED DECLARATION AND POWER OF ATTORNEY  
FOR PATENT APPLICATION**  
(page 2)

*2-00* Full Name of Second Joint Inventor Hirokatsu Miyata  
 Inventor's signature Hirokatsu Miyata  
 Date April 18, 2005 Citizen/Subject of Japan ✓  
 Residence Hadano-shi, Kanagawa-ken, Japan JPY  
 Post Office Address CANON KABUSHIKI KAISHA  
3-30-2, Shimomaruko, Ohta-ku, Tokyo, Japan

*3-00* Full Name of Third Joint Inventor Albrecht Otto  
 Inventor's signature Albrecht Otto  
 Date April 18, 2005 Citizen/Subject of Federal Republic of Germany  
 Residence Atsuqi-shi, Kanagawa-ken, Japan JPY  
 Post Office Address CANON KABUSHIKI KAISHA  
3-30-2, Shimomaruko, Ohta-ku, Tokyo, Japan

*4-00* Full Name of Fourth Joint Inventor Akira Kuriyama  
 Inventor's signature Akira Kuriyama  
 Date April 18, 2005 Citizen/Subject of Japan ✓  
 Residence Atsuqi-shi, Kanagawa-ken, Japan JPY  
 Post Office Address CANON KABUSHIKI KAISHA  
3-30-2, Shimomaruko, Ohta-ku, Tokyo, Japan

*5-00* Full Name of Fifth Joint Inventor Hiroshi Okura  
 Inventor's signature Hiroshi Okura  
 Date April 18, 2005 Citizen/Subject of Japan ✓  
 Residence Hadano-shi, Kanagawa-ken, Japan JPY  
 Post Office Address CANON KABUSHIKI KAISHA  
3-30-2, Shimomaruko, Ohta-ku, Tokyo, Japan

*6-00* Full Name of Sixth Joint Inventor Tohru Den  
 Inventor's signature Tohru Den  
 Date April 18, 2005 Citizen/Subject of Japan ✓  
 Residence Setagaya-ku, Tokyo, Japan JPY  
 Post Office Address CANON KABUSHIKI KAISHA  
3-30-2, Shimomaruko, Ohta-ku, Tokyo, Japan

Rec'd PCT/PTO 19 MAY 2005

10/535452

CFO17774WOUS

COMBINED DECLARATION AND POWER OF ATTORNEY  
FOR PATENT APPLICATION  
(page 3)

7-00 Full Name of Seventh Joint Inventor Kazuhiko Fukutani  
Inventor's signature Kazuhiko Fukutani  
Date April 22, 2005 Citizen/Subject of Japan  
Residence 914 Nobel Drive, Santa Cruz, CA 95060, U.S.A CA.  
Post Office Address CANON KABUSHIKI KAISHA  
3-30-2, Shimomaruko, Ohta-ku, Tokyo, Japan

Full Name of Eighth Joint Inventor \_\_\_\_\_  
Inventor's signature \_\_\_\_\_  
Date \_\_\_\_\_ Citizen/Subject of \_\_\_\_\_  
Residence \_\_\_\_\_  
Post Office Address \_\_\_\_\_

Full Name of Ninth Joint Inventor \_\_\_\_\_  
Inventor's signature \_\_\_\_\_  
Date \_\_\_\_\_ Citizen/Subject of \_\_\_\_\_  
Residence \_\_\_\_\_  
Post Office Address \_\_\_\_\_

Full Name of Tenth Joint Inventor \_\_\_\_\_  
Inventor's signature \_\_\_\_\_  
Date \_\_\_\_\_ Citizen/Subject of \_\_\_\_\_  
Residence \_\_\_\_\_  
Post Office Address \_\_\_\_\_

Full Name of Eleventh Joint Inventor \_\_\_\_\_  
Inventor's signature \_\_\_\_\_  
Date \_\_\_\_\_ Citizen/Subject of \_\_\_\_\_  
Residence \_\_\_\_\_  
Post Office Address \_\_\_\_\_

BEST AVAILABLE COPY